

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

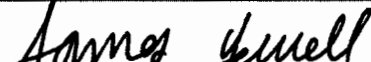
Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

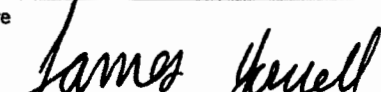
Date <u>MARCH 23, 2012</u>	EPA Reg No./File Symbol <u>87584-2A</u> Page 1 of 5
Applicant's/Registrant's Name & Address Zenith Industries Chemicals Pte Ltd c/o Lizbeth Rea, Regulatory Consultant 1417 Traherne Drive Raleigh, NC 27612	Product Zenith 388

Ingredient **Octhilinone**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Zenith 388 Product Specific Data Requirements					
830.1550	Product Identity and Composition	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.1600	Description of Materials Used to Produce the Product	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.1620	Description of Production Process				Not required[1]
830.1650	Description of Formulation Process	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.1670	Discussion of Formation of Impurities				Not required[1]
830.1700	Preliminary Analysis				Not required[2]
830.1750	Certified Limits	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.1800	Enforcement Analytical Method	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	

Signature 	Name and Title <u>Jim Jewell</u> Consultant & Agent	Date <u>3/23/12</u>
--	--	------------------------

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Zenith 388 Product Specific Data Requirements					
830.6302	Color	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	Not required[3]
830.6303	Physical State	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.6304	Odor	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	Not required[3]
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not required[3]
830.6314	Oxidation/Reduction: Chemical Incompatibility	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.6315	Flammability	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.6316	Explodability				Not required[4]
830.6317	Storage Stability	To be Submitted			
830.6319	Miscibility				Not required[5]
830.6320	Corrosion Characteristics	To be Submitted			
830.6321	Dielectric Breakdown Voltage				Not required[6]
830.7000	pH	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.7050	UV/Visible Absorption				Not required[3]
830.7100	Viscosity	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.7200	Melting Point/Melting Range				Not required[3]
Signature <i>James Howell</i>		Name and Title <i>Tim Howell</i> Consultant & Agent		Date <i>3/23/12</i>	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Zenith 388 Product Specific Data Requirements					
830.7220	Boiling Point/Boiling Range				Not required[3]
830.7300	Density/Relative Density/Bulk Density	Submitted	Zenith Industrial Chemicals PTE LTD	OWN	
830.7370	Dissociation Constants in Water				Not required[3]
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required[3]
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				Not required[3]
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not required[3]
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not required[3]
830.7860	Water Solubility, Generator Column Method				Not required[3]
830.7950	Vapor Pressure				Not required[3]
870.1100	Acute Oral Toxicity: Rat	Cite-All		PAY	
870.1200	Acute Dermal Toxicity: Rat	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity: Rat	Cite-All		PAY	
870.2400	Primary Eye Irritation: Rabbit	Cite-All		PAY	
870.2500	Primary Dermal Irritation	Cite-All		PAY	
870.2600	Dermal Sensitization	Cite-All		PAY	
Signature 		Name and Title Jim Howell / Consultant & Agent		Date 3/23/12	

Zenith 388 Product Specific Data Requirements				
Zenith Industrial Chemicals Pte Ltd is using the cite-all option to satisfy acute toxicity data requirements. Zenith will make offers-to-pay to the following companies on the September 31, 2010 Data Submitters List for octhilinone.				
Zenith 388 Product Specific Data Requirements				
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Tomson Research Associates	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Sanitized Inc.	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Spray Drift Task Force	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Rohm & Haas Company	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Lonza Inc.	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Lanxess Corporation	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Ferro Corporation	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Chugoku Marine Paints USA, Inc.	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Chemcolor Industries (NZ) Ltd.	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Buckman Laboratories Inc.	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Arch Chemicals, Inc.	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	American Chemistry Council Biocides PA	PAY	
Octhilinone Product Chemistry and Acute Toxicity Data Requirements	Cite-All	Thor GmbH	PAY	
Octhilinone Generic Data Requirements				
Zenith 388 qualifies for Formulator's Exemption for octhilinone generic data requirements.				
Signature <i>James Youell</i>		Name and Title <i>Jim Youell</i> Consultant & Agent		Date <i>3/23/12</i>

Endnotes for Data Matrix for Zenith 388

Page 5 of 5

[1] **830.1620** - Per OPPTS 830.1000, these data are not required for the registration of an end-use product. See 830.1650 for formulation process information.

[2] **830.1700** – This product does not consist solely of the technical grade active ingredient (TGAi) and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.

[3] **830.6302, 830.6304, 830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** – Per OPPTS 830.1000, these data are not required for the registration of an end-use product.

[4] **830.6316** – This product does not have explosive characteristics; therefore these data are not required. Please refer to the Confidential Statement of Formula for additional information on the composition of Zenith 388.

[5] **830.6319** – Zenith 388 is a liquid formulation but not an emulsifiable concentrate. In addition, the proposed label recommends dilution of Zenith 388 with water, not oil; therefore, these data are not applicable nor are these data required.

[6] **830.6321** – This product is not proposed for use around electrical equipment. Therefore, these data are not applicable nor are these required.